



# Thinvent Aero Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 64GB DDR4 RAM

## 32GB SSD

## No WiFi

## Windows 11 Pro

SKU: AERO-I5\_14-64-M32-12\_5-X-11P-0



Unleash unparalleled performance in a mini footprint.

### Introducing the Thinvent® Aero Mini PC

Experience desktop power without the bulk. Engineered for professionals and demanding environments, this compact powerhouse delivers exceptional speed and reliability, all running on Windows 11 Pro.

#### Core Performance

- Harness the incredible power of a 10-core Intel® Core™ 5 120U processor, boosting frequencies up to 5.0 GHz with a generous 12 MB cache for seamless multitasking and rapid data processing.

#### Memory and Storage

- Experience unparalleled multitasking with a colossal 64GB DDR4 RAM, ensuring applications run smoothly even under heavy loads.
- Benefit from lightning-fast boot-ups and application loading thanks to the speedy 128GB SSD.

#### Connectivity and Displays

- Drive multiple displays with two HDMI ports and one VGA port, perfect for expanded workstations.
- Connect all your peripherals with a comprehensive array of USB ports, including 2x USB 3.0, 6x USB 2.0 (2 rear, 4 front), and a versatile front USB C port.

- Enjoy rock-solid, high-speed networking through its 1000 Mbps Ethernet port, optimized for environments requiring maximum stability and security without wireless vulnerabilities.
- Versatile audio options with dedicated front and rear speaker out and mic in ports.

#### Operating System and Design

- Pre-installed with Windows 11 Pro, you get advanced security, productivity features, and a modern user experience.
- Its ultra-compact 198mm x 187mm x 40mm design, encased in durable powder-coated steel and ABS plastic, effortlessly integrates into any workspace.

#### Reliability and Certification

- Built for continuous operation (0°C ~ 35°C, 20% ~ 80% RH non-condensing) and backed by BIS, RoHS, and ISO certifications for quality and safety.

#### Power Efficiency

- Powered by an efficient 12V 7A adapter with wide 100~275V AC input compatibility and a 2-meter cable for flexible placement.



## Specifications

### PROCESSING

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|                 |       |
|-----------------|-------|
| Generation      | 14th  |
| Series          | i5    |
| Processor Brand | Intel |
| Processor Model | 120U  |
| Cores           | 10    |
| Max Frequency   | 5 GHz |
| Cache           | 12 MB |
| Main Memory     | 64 GB |
| SSD Storage     | 32 GB |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 2 |
| VGA  | 1 |

### AUDIO

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|                   |   |
|-------------------|---|
| Speaker Out       | 1 |
| Mic In            | 1 |
| Front Speaker Out | 1 |
| Front Mic In      | 1 |

### CONNECTIVITY

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|               |   |
|---------------|---|
| USB 3.0       | 2 |
| USB 2.0       | 2 |
| Front USB 2.0 | 4 |
| Front USB C   | 1 |

### NETWORKING

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|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

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|              |  |
|--------------|--|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 5 Amps                                       |
| Power Input  | 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre                                      |

### ENVIRONMENTAL

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 35°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| Form Factor          | Mini PC               |
| Dimensions           | 198mm × 187mm × 40mm  |
| Housing Material     | Steel and ABS Plastic |
| Housing Finish       | Powder Coated         |
| Housing Colour       | Black                 |
| Net and Gross Weight | 1.23kg, 1.23kg        |

### OPERATING SYSTEM

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|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

| PRODUCT CODE   |  |
|--|--|
| <b>Aero-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| <b>RAM</b>   | <b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4<br><b>64</b> = 64GB DDR4   |
| <b>SSD</b>   | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><b>m1024</b> = 1TB <b>S32</b> = 32GB MLC<br><b>S128</b> = 128GB <b>S256</b> = 256GB      |
| <b>Wireless</b>  | <b>m</b> = Dual Band WiFi <b>X</b> = No WiFi   |
| <b>OS</b>  | <b>DOS</b> = DOS <b>W_OS</b> = Without OS<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux |
| <b>Accessories</b>   | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse   |

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